

APPENDIX C

Estimated Total Available INTELSAT Capacity with CONUS (1) Coverage (in 36 MHz Units) As of July 31, 2000

	Std Ckts (2)	COMSAT Controlled Bulk (3)	Total	Foreign Std Ckts (4)	U.S. D-A Capacity *	INTELSAT Uncommitted (5)	TOTAL with CONUS Coverage
Total	29.8	123.0	152.8	29.8	10.0	64.1	256.6
As % of Total CONUS	11.6%	47.9%	59.5%	11.6%	3.9%	25.0%	100.0%

Projected Total Available INTELSAT Capacity with CONUS Coverage (in 36 MHz Units) As of Dec. 31, 2003

	Std Ckts	COMSAT Controlled Bulk **	Total	Foreign Std Ckts	U.S. D-A Capacity ***	INTELSAT Uncommitted	TOTAL with CONUS Coverage
Case (1) - with 2 new vacant slots and a new operational satellite at 29.5 West, assume 40% (6) of U.S. coverage							
Total	18.3	152.0	170.2	18.3	10.0	186.7	385.2
As % of Total CONUS -	4.7%	39.5%	44.2%	4.7%	2.6%	48.5%	100.0%
Case (2) - with 2 new vacant slots and a new operational satellite at 29.5 West, assume 60% (6) of U.S. coverage							
Total	18.3	152.0	170.2	18.3	10.0	231.9	430.4
As % of Total CONUS -	4.2%	35.3%	39.6%	4.2%	2.3%	53.9%	100.0%

Footnotes:

- (1) CONUS - Refers to INTELSAT transponders that are capable of service to the Continental U.S. , whether or not they are actually used for that purpose.
 - (2) Std Ckts - Standardized Circuits. This information is the sum of the capacity listed in Comsat Comments, Appendix B, Table 1.
 - (3) Bulk - Bulk Capacity. This information is the sum of the capacity listed in Comsat Comments, Appendix B, Table 2.
 - (4) Foreign Std Circuits - COMSAT submitted data did not provide the return circuits that it used for Standardized Circuits (it only showed U.S. to overseas connectivity). We, then, assume that an equal amount of circuits will be used for return traffic by foreign carriers.
 - (5) INTELSAT Uncommitted - This is the sum of the capacity in Comsat Comments, Appendix A, Table 1.
 - (6) Our 40% assumption is based on Comsat's approximate 20% ownership share of INTELSAT. We doubled Comsat's ownership share to reflect capacity from the United States to foreign countries, and the capacity for return paths. Our 60% assumption is based on Comsat's August 25 letter. On page 4 of that letter, Comsat states that approximately 500 of 827 transponders (500/827=60%) can be used to provide coverage to the United States.
- * COMSAT Letter, Dated August 23, 2000. Figure 1 (estimated from the graph). This new updated figure has been roughly increased by 3.5 units. In COMSAT's original comments, the direct access capacity figure showed approximately 6.5 of 36 MHz units. INTELSAT's uncommitted capacity is reduced by 3.5 units to reflect COMSAT's updates.
- ** COMSAT 2003 bulk capacity calculation includes all GR, FRR, and QUE reservation leases.
- *** Using 2000's data, however, any additional Direct - Access capacity should be captured in the INTELSAT UNCOMMITTED column.